

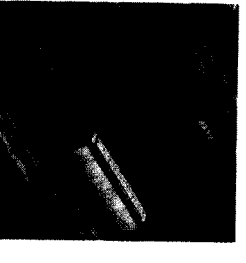
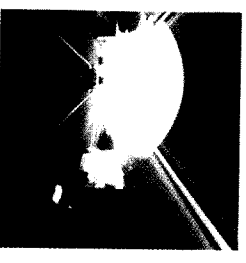
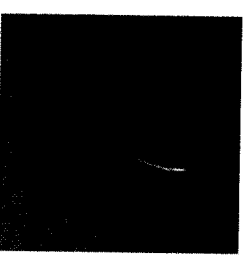
# TRANSPORTATION ASSET MANAGEMENT

## A PRESENTATION

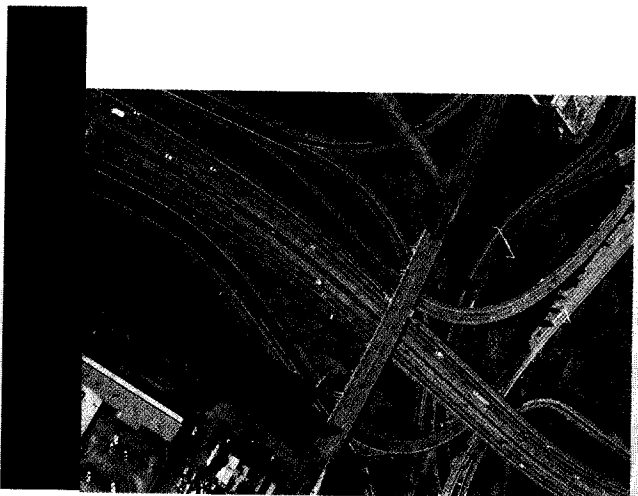
The presentation that follows provides a broad overview of Transportation Asset Management. It was designed to relate the goals, benefits, and status of Asset Management to State and local transportation officials and to others with an interest in transportation investment and the stewardship of public funds.

A narrated version of the PowerPoint presentation is included on the CD in the side pocket of this folder, and the written text for the presentation is available at the Office of Asset Management Web site:  
<http://www.fhwa.dot.gov/infrastructure/asstmngmt>.

We invite you to tailor this presentation to meet your needs in communicating with policy makers, executive decision makers, agency staff, and the public.







# **Transportation Asset Management AN OVERVIEW**



**U.S. Department of Transportation**  
**Federal Highway Administration**  
Office of Asset Management





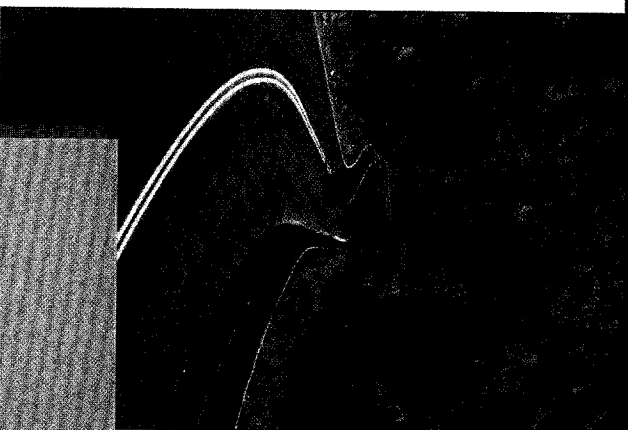
# Agenda

- The Challenge
- The Solution
- Transportation Asset Management
- Status
- Conclusion



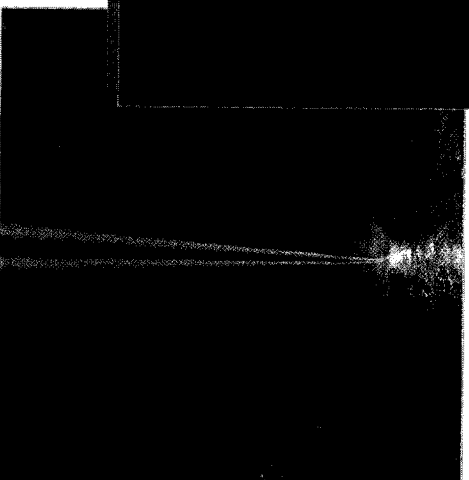
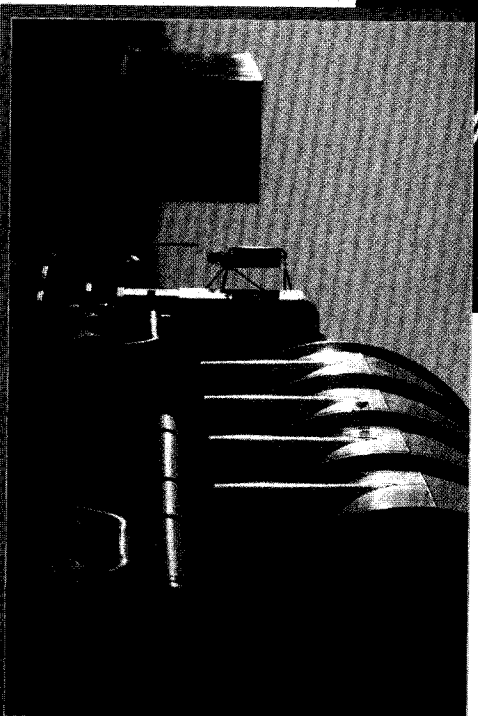


## THE CHALLENGE



## Goals

- Mobility
- Reliability
- Quality ride

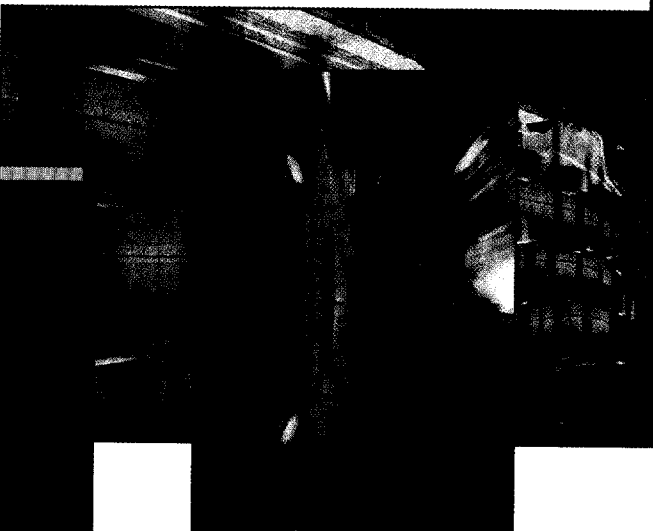


Office of Asset Management, Federal Highway Administration





## THE CHALLENGE



# Balancing Act

- Safety
- Environmental stewardship
- Security



Office of Asset Management, Federal Highway Administration



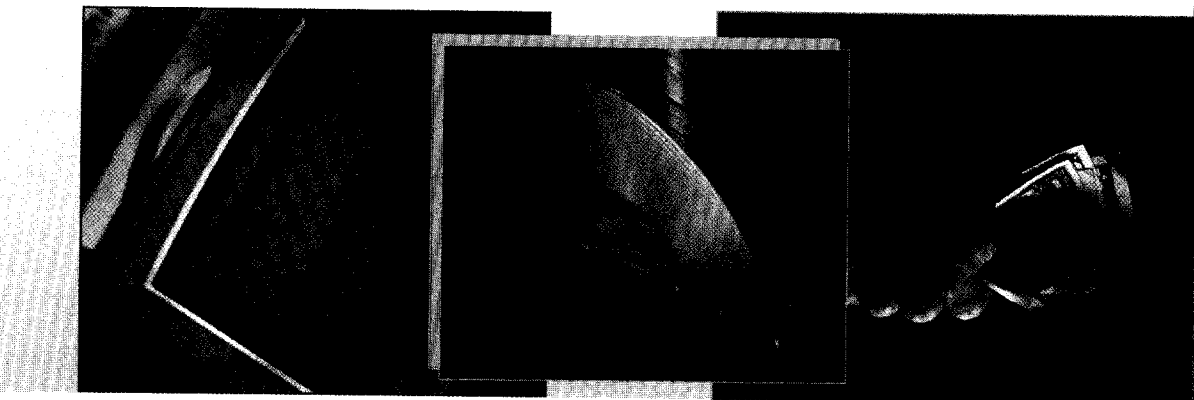
# Importance

- Increased national productivity
- Quality of life
- National defense





## THE SOLUTION



# Options

- Increased spending
- Better technology
- Smarter decisions





## THE SOLUTION



# Asset Management

A strategic approach to maximizing the benefits from resources used to operate, expand, and preserve the transportation infrastructure.

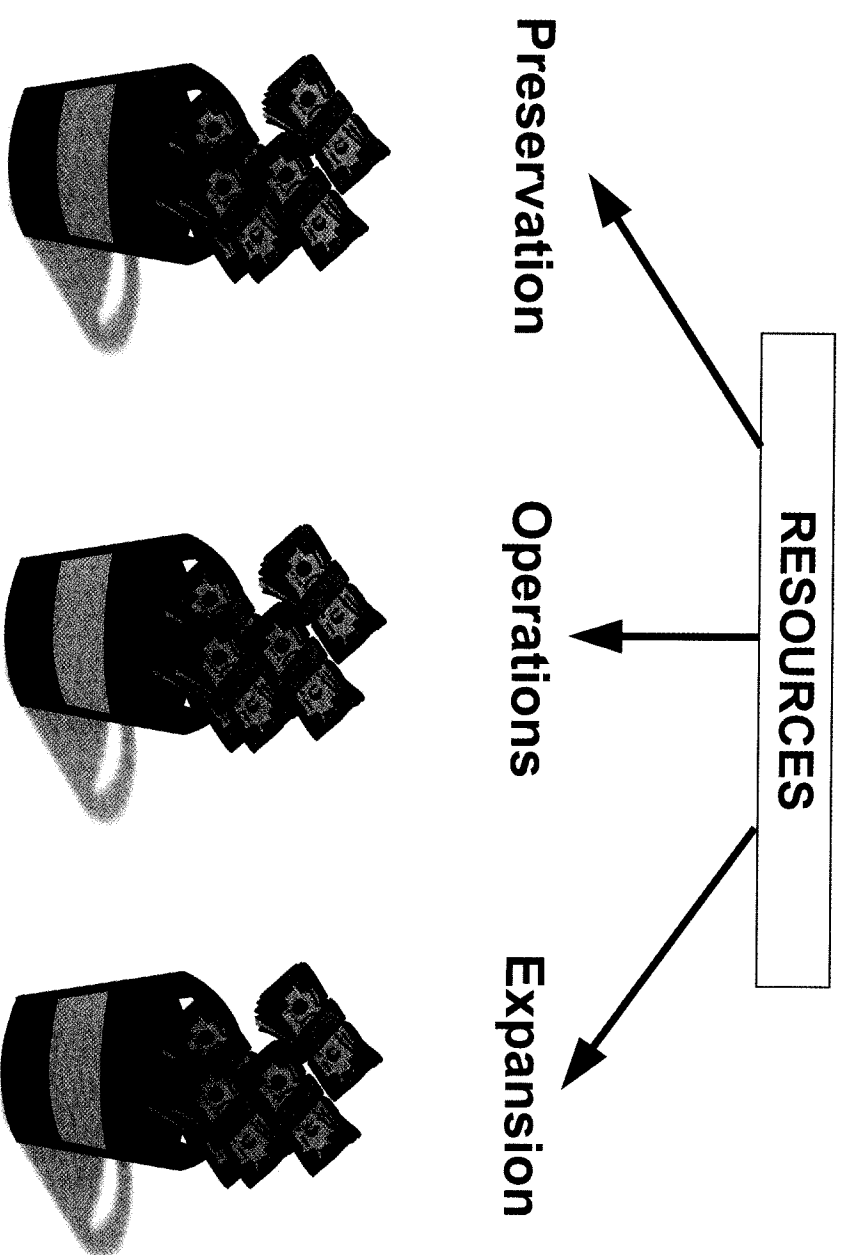


Office of Asset Management, Federal Highway Administration



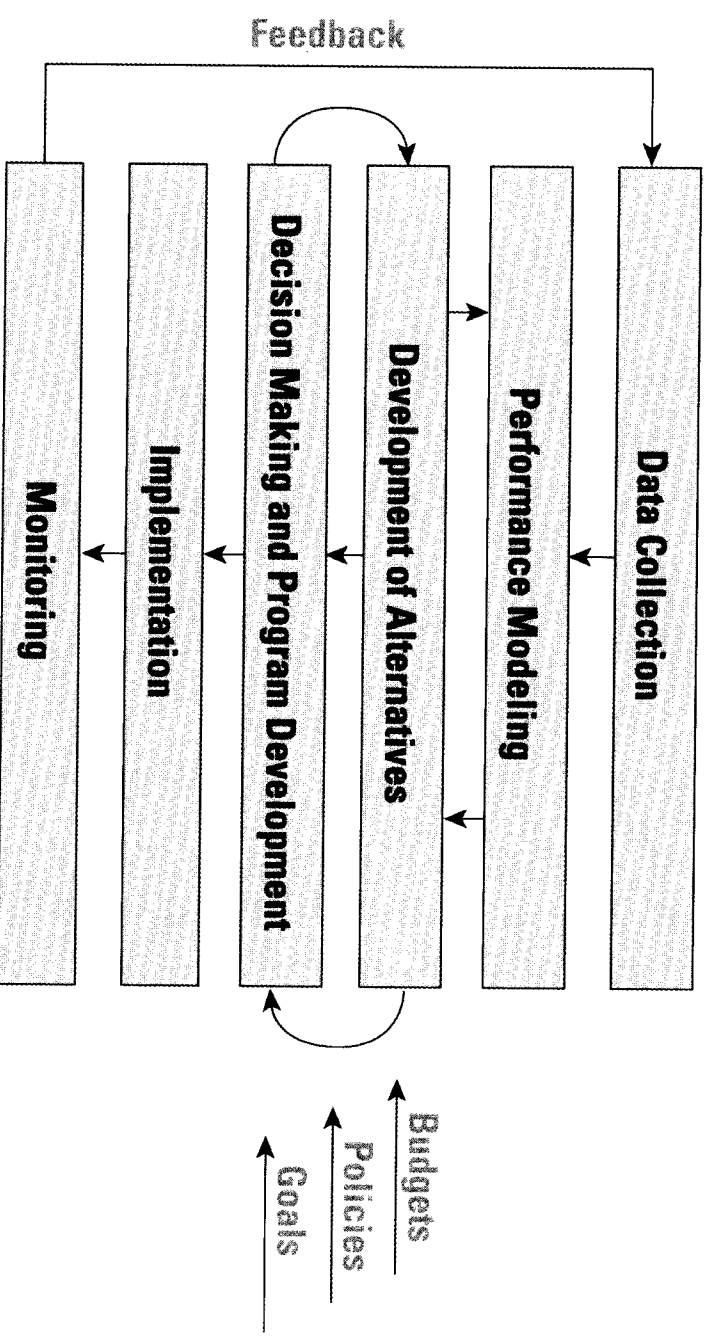


# Asset Management





# How it works...





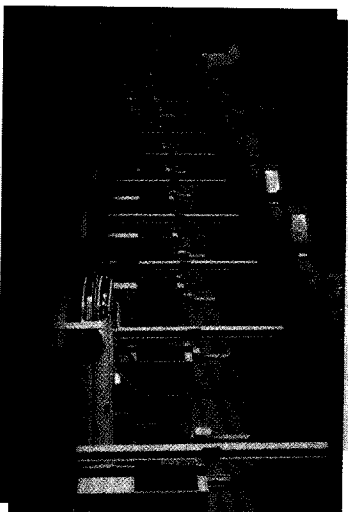


# Key Elements

- Strategic thinking
- Particular way of doing business
- Decision-support tools







## **KEY ELEMENT: Strategic thinking**

- Policy based
- All assets considered comprehensively
- Decisions reflect future considerations









**KEY ELEMENT:**

**Particular way of doing business**

- Decisions are based on merit
- Rules, policies, etc., establish constraints, not actions
- Asset performance is linked to funding
- Focus is on customer satisfaction





**KEY ELEMENT:  
Decision-support tools**

- Tradeoff analysis  
(engineering and economics)
- Quality data
- Management systems





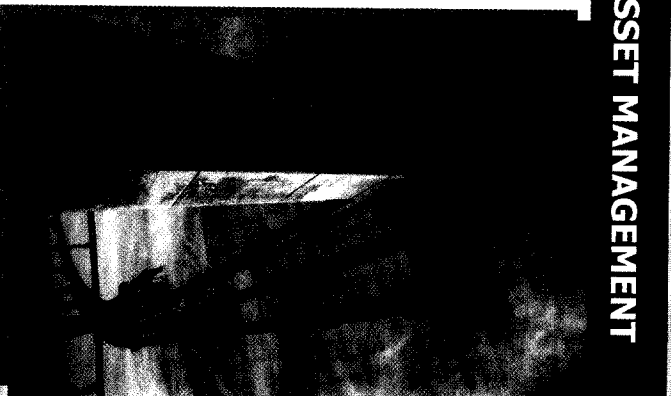
## Benefits

The agency that uses  
Asset Management will ...

- Make better decisions
- Be more accountable
- Be better positioned to secure more funding
- Improve customer satisfaction







# Benefits

*Examples...*

- How much should be invested to keep roads, bridges, and other assets at acceptable service levels?
- If the budget is allocated this way, how will the system perform?
- What would an optimal program of projects include?
- What are the best performance metrics for the agency?

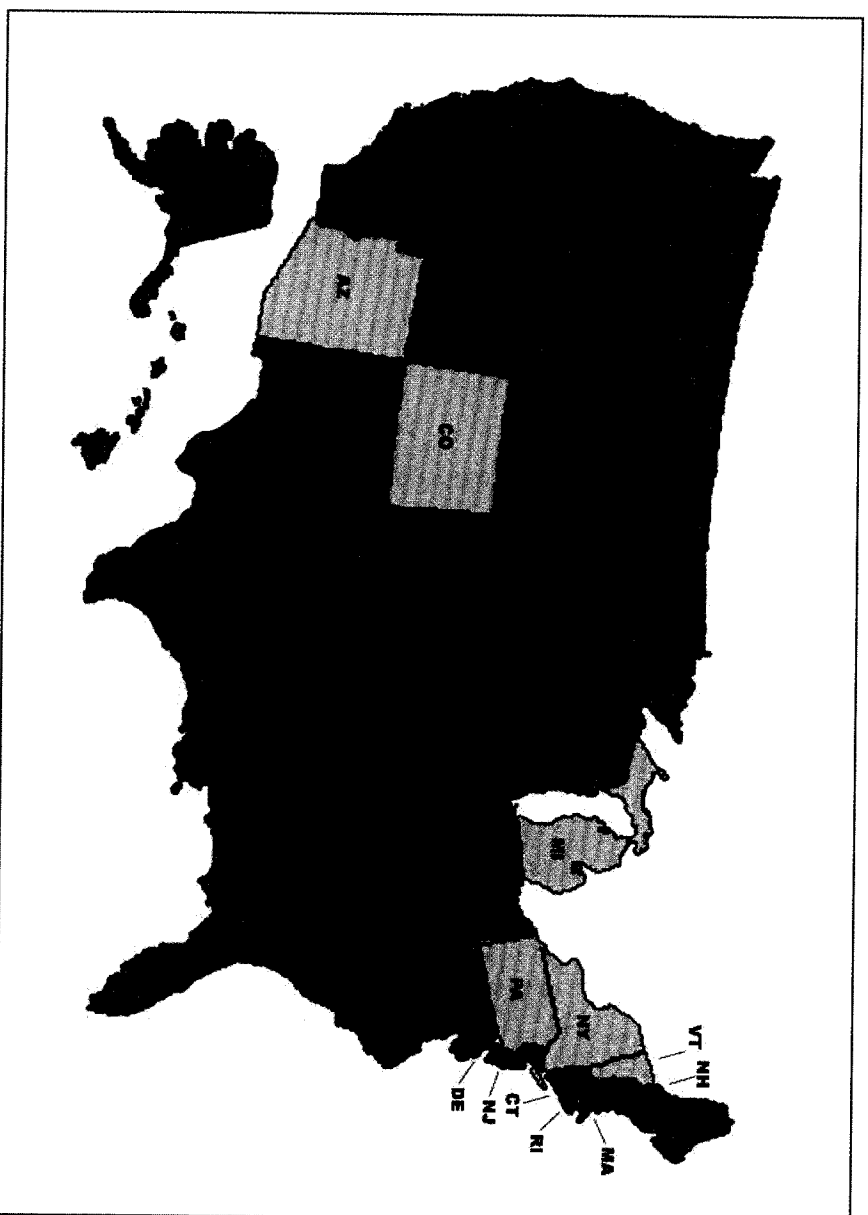






STATUS

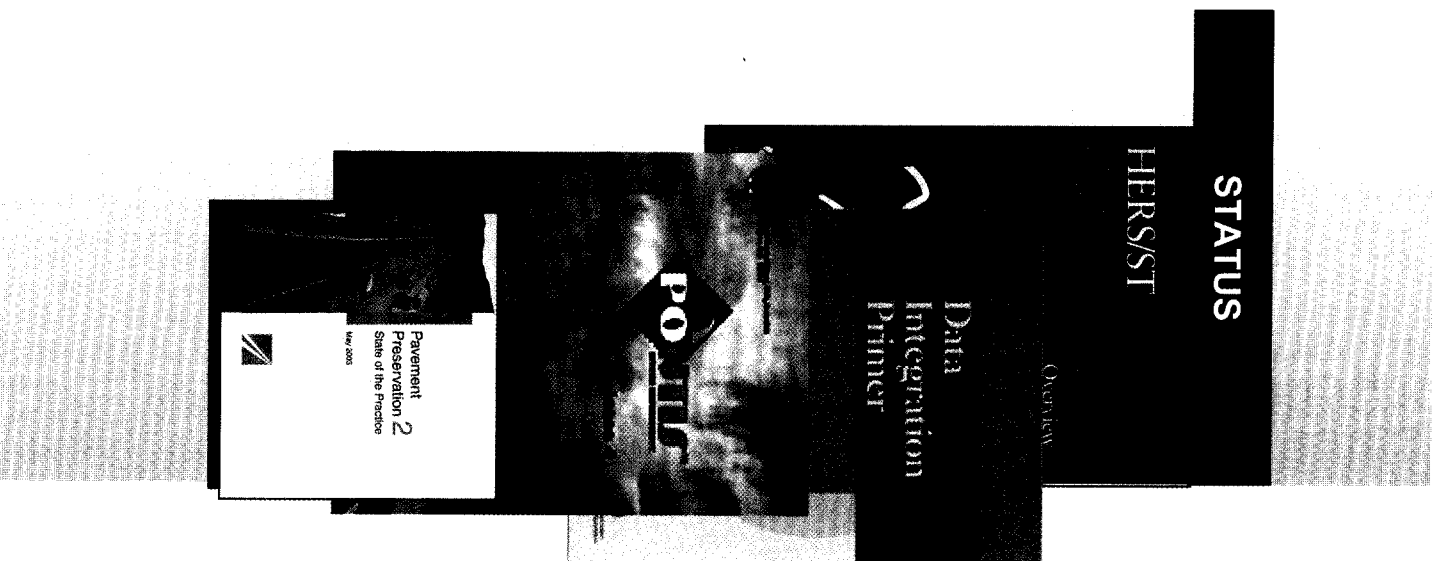
# Comprehensive Asset Management—Leaders





# Help Is Available

- Tools
- Information
- <http://assetmanagement.transportation.org>
- Training

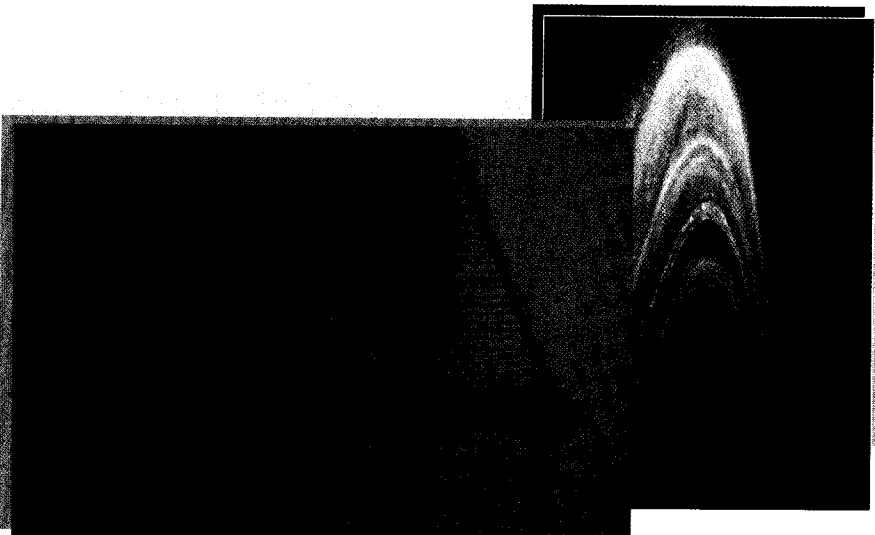




## CONCLUSION

# Asset Management is...

- Not business as usual
- Good business practice
- Viable now!





# **Transportation Asset Management**



**U.S. Department of Transportation**  
**Federal Highway Administration**  
**Office of Asset Management**  
[www.fhwa.dot.gov/infrastructure/asstmgt](http://www.fhwa.dot.gov/infrastructure/asstmgt)  
Tel: 202-366-0392

